



CR/CRX RINGO SERIES

406 to 512 MHz
Omnidirectional Base Station Antenna

BROADBAND OMNIDIRECTIONAL BASE STATION ANTENNA

The Laird Ringo and Ringo Ranger are the perfect choice for omnidirectional applications where ease of installation and economy are a priority. These versatile base station antennas are widely used in dedicated systems such as fire, police, telemetry, security, data transmission and talk-around.

RINGO RANGER II 7 DBI GAIN

Our most popular UHF base station model is perfect for applications needing an economical omnidirectional antenna. Requiring neither tuning nor groundplane, the 406-512 MHz Ringo Ranger II offers a full 6 dB gain versus a quarterwave whip.

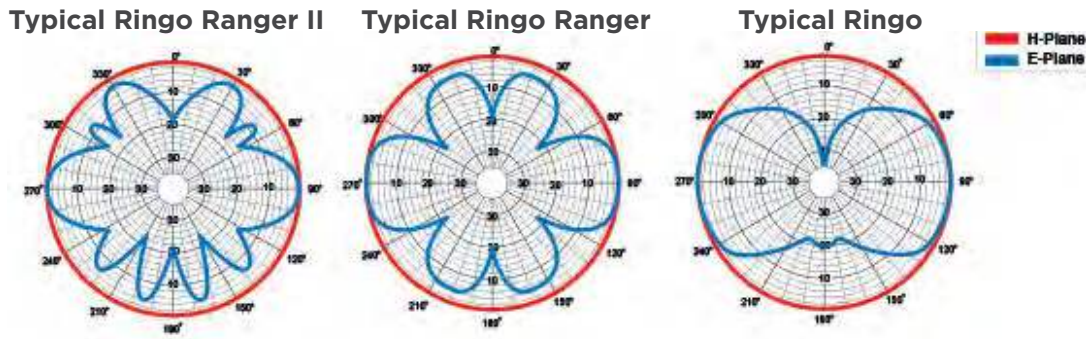
RINGO RANGER 5 DBI GAIN

Ringo Ranger provides a 406-512 MHz frequency range and 5 dB gain. Easy to install and economical, Ringo Ranger delivers excellent electrical performance and long life.

RINGO 2 DBI GAIN

The Ringo is a DC-grounded single half-wave antenna fed by a matching section with a ring inductor. Covering a 406-512 MHz frequency range with 2 dB gain, the Ringo is shipped assembled and requires no tuning.

| MODEL | FREQ. MHZ | GAIN DBI | VSWR MHZ | BANDWIDTH E-PLANE | -3DB BEAMWIDTH | CONNECTOR TYPE | HEIGHT IN (CM) | WEIGHT LB (KG) | W/SUR AREA F2 (M2) | W/SURVIVAL MPH (KHP) |
|----------|-----------|----------|---------------|-------------------|----------------|----------------|----------------|----------------|--------------------|----------------------|
| CRX-406B | 406-420 | 7 | 1.5:1 nominal | 8 | 30 | UHF | 54 (137) | 2.6 (1.2) | 0.27 (0.03) | 80 (125) |
| CRX-450B | 450-470 | 7 | 1.5:1 nominal | 8 | 30 | UHF | 54 (137) | 2.6 (1.2) | 0.27 (0.03) | 80 (125) |
| CRX-470B | 470-490 | 7 | 1.5:1 nominal | 8 | 30 | UHF | 54 (137) | 2.6 (1.2) | 0.27 (0.03) | 80 (125) |
| CRX-490B | 490-512 | 7 | 1.5:1 nominal | 8 | 30 | UHF | 54 (137) | 2.6 (1.2) | 0.27 (0.03) | 80 (125) |
| CRX-406 | 406-420 | 5 | 1.5:1 nominal | 10 | 36 | UHF | 38 (96.5) | 2 (0.9) | 0.16 (0.02) | 80 (125) |
| CRX-450 | 450-470 | 5 | 1.5:1 nominal | 10 | 36 | UHF | 38 (96.5) | 2 (0.9) | 0.16 (0.02) | 80 (125) |
| CRX-470 | 470-490 | 5 | 1.5:1 nominal | 10 | 36 | UHF | 38 (96.5) | 2 (0.9) | 0.16 (0.02) | 80 (125) |
| CRX-490 | 490-512 | 5 | 1.5:1 nominal | 10 | 36 | UHF | 38 (96.5) | 2 (0.9) | 0.16 (0.02) | 80 (125) |
| CR-406 | 406-420 | 2 | 1.5:1 nominal | 20 | 73 | UHF | 17 (43.2) | 0.5 (0.24) | 0.06 (0.01) | 80 (125) |
| CR-450 | 450-470 | 2 | 1.5:1 nominal | 20 | 73 | UHF | 17 (43.2) | 0.5 (0.24) | 0.06 (0.01) | 80 (125) |
| CR-470 | 470-490 | 2 | 1.5:1 nominal | 20 | 73 | UHF | 17 (43.2) | 0.5 (0.24) | 0.06 (0.01) | 80 (125) |
| CR-490 | 490-512 | 2 | 1.5:1 nominal | 20 | 73 | UHF | 17 (43.2) | 0.5 (0.24) | 0.06 (0.01) | 80 (125) |



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